

## IN THE CLAIMS:

Claims 1-28 are rejected under 35 U.S.C § 103.

Please CANCEL claims 1-28 and ADD new claims 29-54.

29. (ADDED) A snow and ice melting device (10) which is transportable on a roadway and a railroad track (20), the snow and ice melting device (10) comprising:

A) a road transport vehicle (12) having a road transport vehicle housing (12H) mounted on a road transport vehicle chassis (12I) containing a fuel tank therein, the road transport vehicle (12) comprises:

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- 1) a road transport vehicle power means (12A) operatively connected to at least one road transport road wheel, and
  - 2) a road transport vehicle railroad track converter (12E) is hydraulically coupled to a road transport vehicle hydraulic power means (12F) which is hydraulically coupled to a railroad track transport vehicle hydraulic means (14A),

B) a railroad track transport vehicle (14) integrally mounted on the road transport vehicle chassis (12I), the railroad track transport vehicle (14) comprises:

- 1) a railroad track transport vehicle hydraulic means up-down converter (14AA) which is hydraulically coupled to the railroad track transport vehicle hydraulic means (14A), the railroad track transport vehicle hydraulic means up-down converter (14AA) is hydraulically connected to a railroad track transport vehicle left front wheel hydraulic piston (14LFC), a railroad track transport vehicle right front wheel hydraulic piston (14RFC), a railroad track transport vehicle left rear wheel hydraulic piston (~~14LRC~~), and a railroad track transport vehicle right rear wheel hydraulic piston (14RRC), the railroad track transport vehicle left front wheel hydraulic piston (14LFC) is securely attached to a railroad track transport vehicle left front wheel hydraulic piston plate (14LFCA), the railroad track transport vehicle right front wheel hydraulic piston (14RFC) is securely attached to a railroad track transport vehicle right front wheel hydraulic piston plate (~~14RFCA~~), the railroad track transport vehicle left rear wheel hydraulic piston (14LRC) is securely attached to a railroad track transport vehicle left rear wheel hydraulic piston plate (14LRCA), the railroad track

transport vehicle right rear wheel hydraulic piston (14RRC) is securely attached to a railroad track transport vehicle right rear wheel hydraulic piston plate (14RCA),

- 2) a railroad track transport vehicle hydraulic means forward-reverse converter (14AB) which is hydraulically coupled to the railroad track transport vehicle hydraulic means (14A), the railroad track transport vehicle hydraulic means forward-reverse converter (14AB) is hydraulically coupled to at least one railroad track transport vehicle wheel power means which is selected from a group consisting of railroad track transport vehicle left front wheel power means (14LFB) mechanically coupled to a railroad track transport vehicle left front wheel (14LF), railroad track transport vehicle right front wheel power means (14RFB) mechanically coupled to a railroad track transport vehicle right front wheel (14RF), railroad track transport vehicle left rear wheel power means ~~(14LRB)~~, mechanically coupled to a railroad track transport vehicle left rear wheel (14LR), and railroad track transport vehicle right rear wheel power means (14RRB) mechanically coupled to a railroad track transport vehicle right rear wheel (14RR), the railroad track transport vehicle left front wheel (14LF) is rotatably mounted via a railroad track transport vehicle left

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front wheel axle (14LFD) on a railroad track transport vehicle left front wheel stanchion (14LFA) which is pivotally mounted via a railroad track transport vehicle left front wheel stanchion pivot means (14LFAD) on the road transport vehicle chassis (12I), the railroad track transport vehicle right front wheel (14RF) is rotatably mounted by a railroad track transport vehicle right front wheel axle (14RFD) on a railroad track transport vehicle right front wheel stanchion (14RFA) which is pivotally mounted by a railroad track transport vehicle right front wheel stanchion pivot means (14RFAD) on the road transport vehicle chassis (12I), the railroad track transport vehicle left rear wheel (14LR) is rotatably mounted via a railroad track transport vehicle left rear wheel axle (14LRE) on a railroad track transport vehicle left rear wheel stanchion (14LRA) which is pivotally mounted on the road transport vehicle chassis (12I), the railroad track transport vehicle right rear wheel (14RR) is rotatably mounted by a railroad track transport vehicle right rear wheel axle (14RRE) on a railroad track transport vehicle right rear wheel stanchion (14RRA) which is pivotally mounted on the road transport vehicle chassis (12I), and

- 3) a railroad track transport vehicle hydraulic means clockwise/counterclockwise converter is hydraulically coupled to the railroad track transport vehicle hydraulic means; and

C) a melter (16) movably mounted on the railroad track transport vehicle (14), the melter (16) comprises:

- a4
- 1) a melter housing (16A) within which a melter heat generating means (16B) having a melter heat generating means air intake (16BA) is securely positioned,
  - 2) a melter rotator (16C) is mounted on the road transport vehicle chassis (12I) and hydraulically coupled to the railroad track transport vehicle hydraulic means clockwise/counterclockwise converter, and
  - 3) a melter lift mounted on the meter rotator and hydraulically coupled to the railroad track transport vehicle hydraulic means.

<sup>2</sup>  
~~30~~ (ADDED) The snow and ice melting device (10) as described in claim ~~25~~, wherein the railroad track transport vehicle left front wheel stanchion (14LFA) comprises a railroad track transport vehicle left front wheel outer stanchion (14LFAA) securely fastened to a railroad track transport vehicle left front wheel inner stanchion (~~14LFAB~~) by a railroad track transport vehicle left front wheel inner-outer stanchion connecting plate (14LFAC).

<sup>3</sup>  
~~31~~ (ADDED) The snow and ice melting device (10) as described in claim ~~25~~, wherein the railroad track transport vehicle right front wheel stanchion (14RFA) comprises a railroad track transport vehicle right front wheel outer stanchion (14RFAA) securely fastened to a railroad track transport vehicle right front wheel inner stanchion (~~14RFAB~~) by a railroad track transport vehicle right front wheel inner-outer stanchion connecting plate (~~14RFAC~~).

<sup>4</sup>  
~~32~~ (ADDED) The snow and ice melting device (10) as described in claim ~~29~~, wherein the railroad track transport vehicle left rear wheel stanchion (14LRA) comprises a railroad track transport vehicle left rear wheel outer stanchion (14LRAA) securely fastened to a railroad track transport vehicle left rear wheel inner stanchion (~~14LRAB~~) by a railroad track transport vehicle left rear wheel inner-outer stanchion connecting plate (~~14LRAC~~).

<sup>5</sup>  
~~38~~ (ADDED) The snow and ice melting device (10) as described in claim ~~29~~, wherein the railroad track transport vehicle right rear wheel stanchion (14RRA) comprises a railroad track transport vehicle right rear wheel outer stanchion (14RRAA) securely fastened to a railroad track transport vehicle right rear wheel inner stanchion (14RRAB) by a railroad track transport vehicle right rear wheel inner-outer stanchion connecting plate (~~14RRAC~~).

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<sup>46</sup>  
~~34~~ (ADDED) The snow and ice melting device (10) as described in claim ~~29~~, wherein the railroad track transport vehicle left rear wheel stanchion pivot means (14LRAE) comprises a railroad track transport vehicle left rear wheel stanchion connector lower pivot means (14LRDB) pivotally connected to a railroad track transport vehicle left rear wheel stanchion connector upper pivot means (14LRDA) which is securely mounted on the road transport vehicle chassis (12I).

<sup>7</sup>  
~~35~~ (ADDED) The snow and ice melting device (10) as described in claim ~~29~~, wherein the railroad track transport vehicle left rear wheel (14LR) is contained within a railroad track transport vehicle left rear wheel housing (~~14LRB~~).

<sup>8</sup>  
~~36~~ (ADDED) The snow and ice melting device (10) as described in claim ~~35~~, wherein the railroad track transport vehicle left rear wheel housing (~~14LRB~~) is securely fastened within the railroad track transport vehicle left rear

wheel stanchion (14LRĀ).

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(ADDED) The snow and ice melting device (10) as described in claim 35, wherein the railroad track transport vehicle left rear wheel housing ~~(14LRB)~~ comprises a railroad track transport vehicle left rear wheel outer housing (14LRBA) securely fastened to a railroad track transport vehicle left rear wheel inner housing (14LRBB) by a railroad track transport vehicle left rear wheel outer-inner housing connecting plate ~~(14LRBC)~~.

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(ADDED) The snow and ice melting device (10) as described in claim 37, wherein the railroad track transport vehicle left rear wheel outer-inner housing connecting plate ~~(14LRBC)~~ has a railroad track transport vehicle left rear wheel outer-inner housing connecting plate bracket (14LRBCA) mounted thereon.

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(ADDED) The snow and ice melting device (10) as described in claim 29, wherein the railroad track transport vehicle right rear wheel stanchion pivot means (14RRAE) comprises a railroad track transport vehicle right rear wheel stanchion connector lower pivot means (14RRDB) pivotally connected to a railroad track transport vehicle right rear wheel stanchion connector upper pivot means (14RRDA) which is securely mounted on the road transport vehicle chassis (12I).



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~~40~~ (ADDED) The snow and ice melting device (10) as described in claim ~~29~~, wherein the railroad track transport vehicle right rear wheel (14RR) is contained within a railroad track transport vehicle right rear wheel housing (14RRB).

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~~41~~ (ADDED) The snow and ice melting device (10) as described in claim ~~30~~, wherein the railroad track transport vehicle right rear wheel housing (14RRB) is securely fastened within the railroad track transport vehicle right rear wheel stanchion (14RRA).

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~~42~~ (ADDED) The snow and ice melting device (10) as described in claim ~~30~~, wherein the railroad track transport vehicle right rear wheel housing (14RRB) comprises a railroad track transport vehicle right rear wheel outer housing (~~14RRBA~~) securely fastened to a railroad track transport vehicle right rear wheel inner housing (14RRBB) by a railroad track transport vehicle right rear wheel outer-inner housing connecting plate (14RRBC).

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~~43~~ (ADDED) The snow and ice melting device (10) as described in claim ~~32~~, wherein the railroad track transport vehicle right rear wheel outer-inner housing connecting plate (14RRBC) has a railroad track transport vehicle right rear wheel outer-inner housing connecting plate bracket (14RRBCA) mounted thereon.

<sup>14</sup>  
~~44~~ (ADDED) The snow and ice melting device (10) as described in claim ~~29~~, wherein the melter housing (16A) has a melter housing shroud (16AA) attached thereto by at least one melter housing shroud fastener (16AAB).

<sup>17</sup>  
~~44~~ (ADDED) The snow and ice melting device (10) as described in claim ~~44~~, wherein the melter housing shroud (16AA) has at least one melter housing shroud handle (16AAA) attached thereto.

<sup>18</sup>  
~~46~~ (ADDED) The snow and ice melting device (10) as described in claim ~~44~~, wherein the melter housing shroud (16AA) has at least one melter housing shroud port (16AAC) functioning to allow access to the melter heat generating means (16B).

<sup>19</sup>  
~~47~~ (ADDED) The snow and ice melting device (10) as described in claim ~~29~~, wherein the melter (16) has a melter operator housing (16D) attached thereto.

<sup>20</sup>  
~~48~~ (ADDED) The snow and ice melting device (10) as described in claim ~~47~~, wherein the melter operator housing (16D) has at least one melter operator housing window (16DA).

<sup>21</sup>  
~~49~~ (ADDED) The snow and ice melting device (10) as described in claim ~~47~~, wherein the melter operator housing (16D) has at least one melter operator housing safety rail (16DB).

<sup>22</sup>  
~~50~~ (ADDED) The snow and ice melting device (10) as described in claim ~~29~~, wherein the melter has a nozzle (18) connected thereto.

<sup>23</sup>  
~~51~~ (ADDED) The snow and ice melting device (10) as described in claim ~~30~~, wherein the nozzle (18) has a nozzle diffuser (18A).

<sup>24</sup>  
~~52~~ (ADDED) The snow and ice melting device (10) as described in claim ~~30~~, wherein the nozzle (18) is connected to the melter (16) by a connecting bracket means comprising a nozzle front connecting bracket (18BA) which is securely attached to the nozzle (18) and a nozzle rear connecting bracket (18BB) which is securely fastened to the melter (16), the nozzle front connecting bracket (18BA) is securely fastened to the nozzle rear connecting bracket (18BB) by a plurality of nozzle connecting bracket fins (18BC).

<sup>25</sup>  
~~53~~ (ADDED) The snow and ice melting device (10) as described in claim ~~28~~, wherein the melter rotator (16C) is 360 degrees rotatable functioning to allow the snow and ice melting device (10) to clear, melt ice and snow from ~~a train station passenger platform and third rail which provides electricity to the rail road track itself~~

a4 54. (ADDED) The snow and ice melting device (10) as described in claim 29, wherein the railroad track transport vehicle right front wheel stanchion (14RFA), the railroad track transport vehicle left front wheel stanchion (14LFA), the railroad track transport vehicle left rear wheel stanchion (14LRA), and the railroad track transport vehicle right rear wheel stanchion (14RRA) have sufficient height to provide turning capability for the snow and ice melting device (10) to negotiate around a curve in the railroad track.

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